



Contribution ID: 148 Contribution code: S08-PGDP-204

Type: **Poster presentation**

Obtaining secondary light radiation under the action of that caused by plasma in the air environment

Monday, 29 August 2022 18:00 (1h 30m)

Light radiation is one of the phenomena that is constantly in the attention of researchers and practitioners. The laser has become a contemporary tool that is applied in physics, technology, medicine, etc. Today we can practically not imagine our life without it, but it is necessary to obtain monochrome radiation that can be focused and directed more easily, which in special situations have a much higher penetrating power through the environment compared to polychromatic light. The authors of the paper have got the experimental results for obtaining secondary monochrome radiation by using as a radiant body the optical filter glass, doped differently depending on the desired result. The important thing is that this radiation is obtained under the action of the plasma of the electric discharges under normal conditions.

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Session Classification: Poster session

Track Classification: Scientific Sections: S08 Plasma and Gas-Discharge Physics